

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nai-Kong CHEUNG
U.S. Serial No. : 10/621,027
Confirmation No.: 2089
Filed : July 16, 2003
Examiner : 1623
Art Unit : Eric Olson
For : THERAPY-ENHANCING GLUCAN

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October 26, 2007

Commissioner for Patents
P.O. Box 1450
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Sir/Madam:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with his duty of disclosure under 37 C.F.R. §1.56, Applicant would like to direct the Examiner's attention to the following references which are listed on Forms PTO/SB/08A and PTO/SB/08B (attached hereto as **Exhibit A**), and the individual references further attached as **Exhibits 1-20**.

Reference 1 is a U.S. Patent, and reference 2 is a U.S. Patent Publication. Both are on file at the USPTO; therefore copies will not be provided. Applicant's attorney's office may be contacted in the event that the Examiner would like a copy of the reference.

1. U.S. Patent No. 7,070,778, July 4, 2006, YVIN et al.,
"Therapeutical Combination Against Cancer."

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2. U.S. Patent Publication No. US 2003/0180254 A1, September 25, 2003, LANE et al., "Immunologic enhancement with intermittent interleukin-2 therapy."
3. PCT Written Opinion for SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH et al., Int'l appl No. PCT/US02/01276, (Atty. Dkt. #639-A-PCT), Filed January 15, 2002, Dated November 25, 2002. [Exhibit 1]
4. PCT Corrected Written Opinion of the International Searching Authority for SLOAN Kettering Institute et al., Int'l Application No. PCT/US04/23099 (Atty. Dkt. #639-C-PCT), Filed July 16, 2004, Dated August 10, 2005. [Exhibit 2]
5. PCT Corrected International Search Report for SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH et al., Int'l Application No. PCT/US2004/23099 (Atty. Dkt. #639-C-PCT), Filed July 16, 2004, Dated August 10, 2005. [Exhibit 3]
6. PCT International Preliminary Report on Patentability for SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH et al., Int'l Appl No. PCT/US2004/023099 (Atty. Dkt. #639-C-PCT), Filed July 16, 2004, Dated January 26, 2006. [Exhibit 4]
7. PCT International Search Report for SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, Int'l Application No. PCT/US07/01427 (Atty. Dkt. #639-F-PCT), Filed January 18, 2007, Dated September 26, 2007. [Exhibit 5]

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8. PCT Written Opinion of the International Searching Authority for SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, Int'l Application No. PCT/US07/01427 (Atty. Dkt. #639-F-PCT), Filed January 18, 2007, Dated September 26, 2007. [Exhibit 6]
9. Beta Glucan Health Center webpage, November 10, 2000, "PLEURAN- Beta-1,3/1-6-Glucan," <http://www.glucan.com/therapy/therapy.com>. [Exhibit 7]
10. BOHN, J.A., and BeMiller, J.N., 1995, "(1-3)- β -Glucans as biological response modifiers: a review of structure-functional activity relationships," Carbohydrate Polymers, 28:3-14. [Exhibit 8]
11. CHEUNG, N.-K. V., et al., June 1985, "Monoclonal Antibodies to a Glycolipid Antigen on Human Neuroblastoma Cells," Canc. Res., 45:2642-2649. [Exhibit 9]
12. HELLSTROM, I. et al., September 1986, "Antitumor effects of L6, and IgG2a antibody that reacts with most human carcinomas," Proc. Natl. Acad. Sci. USA, 83:7059-7063. [Exhibit 10]
13. KIM, Y.-S., et al., October 20, 2000, "Gram-negative Bacteria-binding Protein, a Pattern Recognition Receptor for Lipopolysaccharide and β -1,3-Glucan That Mediates the Signaling for the Induction of Innate Immune Genes in *Drosophila melanogaster* Cells," J. Biol. Chem., 275(42):32721-32727. [Exhibit 11]
14. KOTERA, Y., et al., June 1, 1994, "Humoral Immunity against a Tandem Repeat Epitope of Human Mucin MUC-1 in

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Sera from Breast, Pancreatic, and Colon Cancer Patients," Cancer Res., 54:2856-2860. [Exhibit 12]

15. MATZINGER, P., 1994, "Tolerance, Danger, and the Extended Family," Annu. Rev. Immunol., 12:991-1045. [Exhibit 13]

16. MENDELSON, J., December 1997, "Epidermal Growth Factor Receptor Inhibition by a Monoclonal Antibody as Anticancer Therapy," Clin. Cancer Res., 3:2703-2707. [Exhibit 14]

17. RAI, K.R. and GUPTA, N., June 2000, "Monoclonal Antibodies in Chronic Lymphocytic Leukemia," Rev. Clin. Exp. Hematol., 4.2:134-144. [Exhibit 15]

18. SLOVIN, S.F. et. al., May 1999, "Carbohydrate vaccines in cancer: Immunogenicity of a fully synthetic globo H hexasaccharide conjugate in man," Proc. Natl. Acad. Sci. USA, 96:5710-5715. [Exhibit 16]

19. ZIMMERMAN, J.W., et al., August 21, 1998, "A Novel Carbohydrate-Glycosphingolipid Interaction between a β -(1-3)-Glucan Immunomodulator, PGG-glucan, and Lactosylceramide of Human Leukocytes," J. Biol. Chem., 273(34):22014-22020. [Exhibit 17]

20. U.S. Office Action for Nai-Kong V. CHEUNG, U.S. Serial No. 11/218,044, Filed August 31, 2005, Dated March 10, 2006 (Atty. Dkt. #639-BZ-PCT-US). [Exhibit 18]

21. U.S. Office Action for Nai-Kong V. CHEUNG, U.S. Serial No. 11/218,044, Filed August 31, 2005, Dated

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November 22, 2006 (Atty. Dkt. #639-BZ-PCT-US). [Exhibit
19]

22. U.S. Office Action for Nai-Kong V. CHEUNG, U.S.
Serial No. 11/218,044, Filed August 31, 2005, Dated
August 7, 2007 (Atty Dkt. #639-BZ-PCT-US). [Exhibit 20]

If a telephone interview would be of assistance in advancing prosecution of the subject application, Applicant's undersigned attorney invites the Examiner to telephone him at the number provided below. No fee is deemed necessary in connection with the filing of this Supplemental Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 50-1891.

Respectfully submitted,

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